

Aerial Photography Services Request Form

Request Date: 5/6/91

I. SITE DATA

Site Name: Dayco Corp. / L E Carpenter Co. Region: II
 Program: (circle) Superfund RCRA RCRA Enf. Other _____
 If Superfund: Site/Spill ID# NJD 002168748
 Purpose (circle): Remedial Removal Enf. Other _____
 Geographic Coordinates: 74° 34' 40" Long. 40° 54' 15" Lat. _____
 State: NJ County: Morris Municipality: Wharton
 USGS Quad Name (IMPORTANT: Attach photocopy of map showing site boundaries
 and/or study area): Dover
 Regional Project Manager Jon Josephs Phone# FTS 264-8098 Comm. 212-264-8098

Brief discussion of site history, specific problems at site, what you hope to accomplish through this request. Elaborate on known or suspected aspects of site operation (e.g. barrels believed dumped between 1967 and 1972 adjacent to north lagoon). Please attach background information about the site such as site descriptions, action memos, etc.

See attachment

Request #1

II. STANDARD REQUEST OPTIONS- Check and complete the appropriate section for the type of service you are requesting.

- ****Average _____
 turnaround
 time =
 6 wks.****
1. CURRENT PHOTOGRAPHY ONLY (new overflight)
 - a. Scale: _____ (e.g. 1:24,000)
 - b. Special conditions (e.g. do not fly if snow cover, leaves on, etc.) _____
 - c. Photo size: 9" x 9" _____ 20" x 20" _____ Other _____
 - d. Are stereo pairs needed? _____ Y _____ N
 - e. Number of copies: _____
 - f. Desired delivery date: _____

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2. HISTORICAL PHOTOGRAPHY ONLY

***Average
turnaround
time =
6-10 wks.***

a. Study period (e.g. 1936-1955): _____
b. Specific years desired: _____
c. Photo size: 9" x 9" _____ 20" x 20" _____ Other _____
d. Number of copies: _____
e. Desired delivery date: _____

✓ 3. ANALYSIS OF CURRENT (single coverage) PHOTOGRAPHY

***Average
turnaround
time=
8 wks.****

a. Scale: _____ (e.g. 1:24,000) *See attachment* (two scales requested)
b. Special conditions (e.g. do not fly if snow cover, leaves on, etc.)
c. Photo size: 9" x 9" ☒ 20" x 20" _____ Other _____
d. Number of copies: 6
e. Desired delivery date: 8/16/91

4. ANALYSIS OF HISTORICAL PHOTOGRAPHY (standard site analysis package - see attachment)

***Average
turnaround
time = 12-
24 wks.

a. Study period (e.g. 1936-1955): _____
b. Specific years of interest: _____
c. Are copies of historical photos (before analysis) needed? Y _____ N _____
If yes, photo size: 9" x 9" _____ 20" x 20" _____ Other _____
d. Is an interim report (unbound format, handwritten photo overlays with typed body of report) needed? Y _____ N _____
e. Number of copies of final bound report: _____
f. Desired delivery date: _____

5. SURVEYING AND MAPPING- Complete and Attach Mapping Request Form

III. SPECIAL REQUEST OPTIONS: The following remote sensing services are also available for sites with conditions that warrant their use. Check off items of interest and contact your remote sensing coordinator for more information.

- _____ a. Land use analysis (within specified distance from site)
_____ b. Fracture trace analysis
_____ c. Wetland mapping/assessment
_____ d. Multi-spectral scanner overflights
_____ e. Thermal infrared scanner overflights
_____ f. Mensuration (measurments) of features (e.g. barrel/drum count, terrain transects, building dimensions, lagoon dimensions, etc.)

Dayco Corporation/ L. E. Carpenter & Company Site
Background Information

- The Dayco Corporation/ L. E. Carpenter & Company site is a 14.6 acre industrial facility situated in an industrialized area in the Borough of Wharton, Rockaway Township, New Jersey. The attached topographic map (Attachment 1) shows the facility location. The facility has been used for industrial purposes, including iron mining and processing, since the 1800's. From 1943 to 1987, L. E. Carpenter & Company manufactured vinyl wallcovering at the site. Since 1987, no manufacturing activities have occurred. However, several buildings at the site continue to be used for administrative business and for warehousing of wallpaper products. Dayco Corporation is the parent corporation of L. E. Carpenter & Company.
- From 1963 to 1970, waste material from the manufacture of vinyl wallpaper, including polyvinyl chloride and cleaning solvents, were disposed of in an on-site surface impoundment. Boiler blowdown wastewater was discharged from the facility to the Rockaway River. Waste materials were also placed in "starch drying beds" for biodegradation. A drainage ditch carried cooling wastewater (and may also have carried other materials) from the facility to the River. The surface impoundment, starch drying beds, wastewater discharge points and the drainage ditch are identified on Attachment 3.
- In 1980 and 1981, the results of soil and groundwater samples indicated the presence of volatile organics, base-neutral compounds, metals and PCBs. In addition, a layer of immiscible organic liquid was found to be floating on the water table. Subsequent sampling also identified process-related contaminants in Rockaway River sediments.
- In 1982, L. E. Carpenter and Company and the New Jersey Department of Environmental Protection (NJDEP) entered into an Administrative Consent Order (ACO), which has since been amended several times. Several interim response actions have been conducted under the ACO. The interim actions have included the excavation and off-site shipment of waste and contaminated soil from the former surface impoundment; the closure of on-site storage tanks; the removal of asbestos from buildings; and the recovery of approximately 5,000 gallons of immiscible organic liquid from the top of the water table. The ACO also required L. E. Carpenter & Company to perform a Remedial Investigation and Feasibility Study. A draft RI Findings Report, a revised RI Findings Report and a Supplemental RI Findings Report were submitted by L. E. Carpenter and Company in November 1989, June 1990 and November 1990, respectively. A Draft Feasibility Study Report was submitted on April 1, 1991.

- Areas of interest for aerial photography and analysis:

Any identifiable impacts on the Washington Pond, Rockaway River or downstream wetlands in the recent or historic photographs.

Any evidence of contamination sources related to the former iron mining and processing operation (e.g. piles of mine tailings or slag).

Any identifiable releases from the facility.

- Because the areas of interest include both the site and surrounding areas (including the Washington Pond, Rockaway River and downstream wetlands) two separate areas have been identified for photographic study: the Site Area (shown in Attachment 1) and the Study Area (shown in Attachment 2). Although the Site Area is within the Study Area, the aerial photographs of the Site Area should be presented separately to show this area in greater detail.

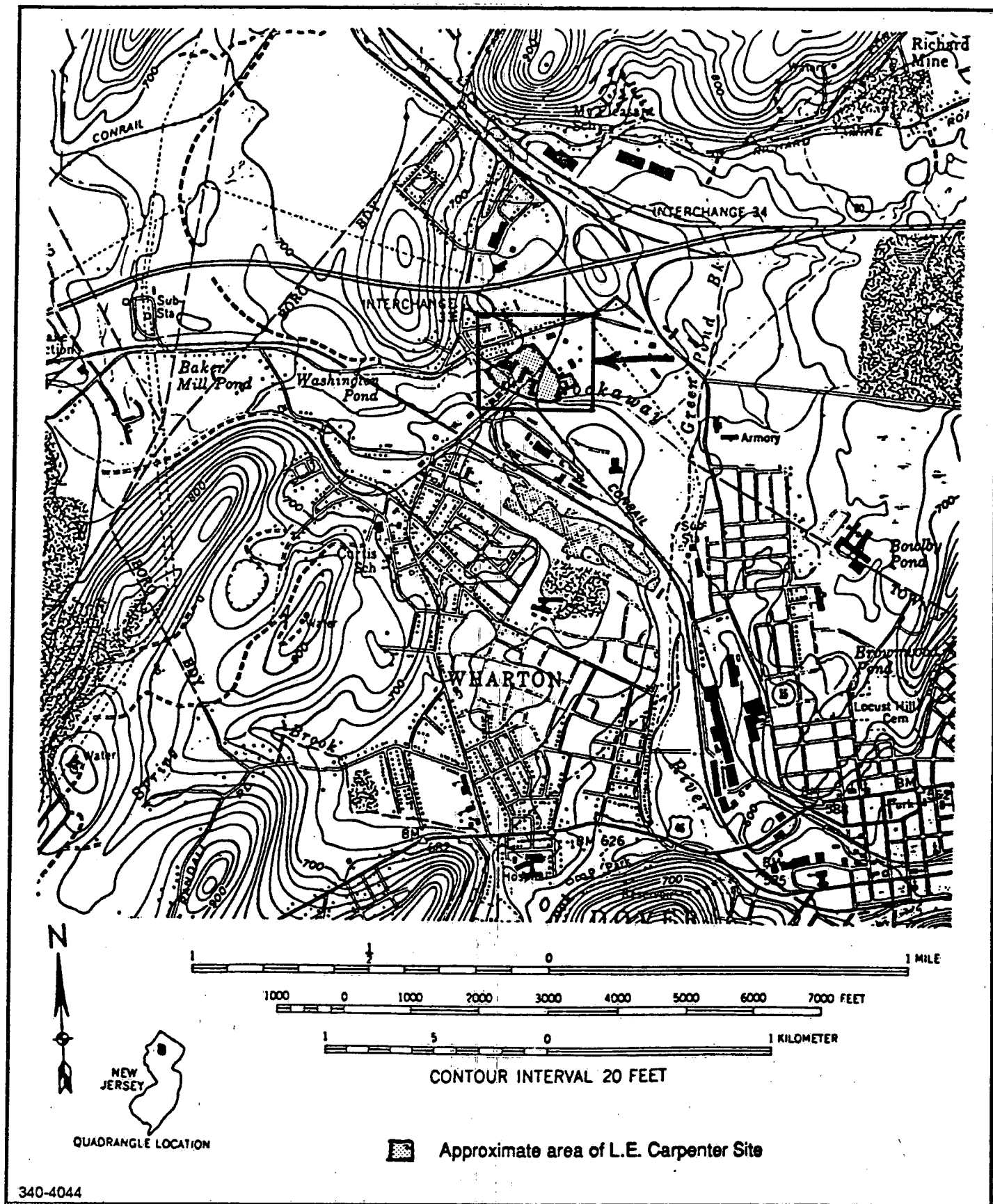


FIGURE 1-1 SITE LOCATION AND TOPOGRAPHIC MAP

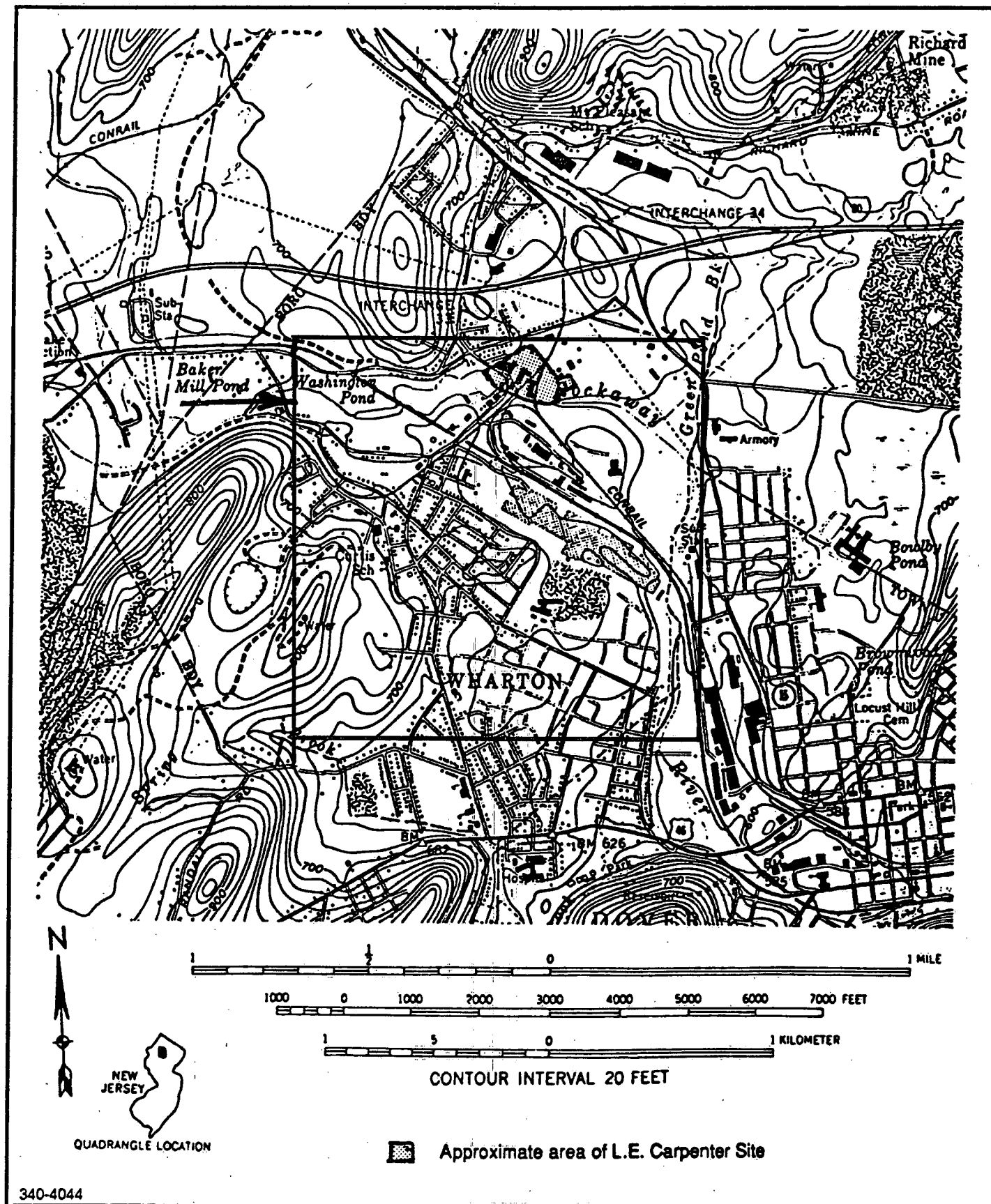


FIGURE 1-1 SITE LOCATION AND TOPOGRAPHIC MAP

FIGURE 1-2 L.E. CARPENTER AND COMPANY SITE PLAN

Attachment 3 - Site Plan

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See attachment.

Request #2

II. STANDARD REQUEST OPTIONS- Check and complete the appropriate section for the type of service you are requesting.

****Average
turnaround
time =
6 wks.****

1. CURRENT PHOTOGRAPHY ONLY (new overflight)

a. Scale: _____ (e.g. 1:24,000)

b. Special conditions (e.g. do not fly if snow cover, leaves on, etc.) _____

c. Photo size: 9" x 9" _____ 20" x 20" _____ Other _____

d. Are stereo pairs needed? _____ Y _____ N

e. Number of copies: _____

f. Desired delivery date: _____

2. HISTORICAL PHOTOGRAPHY ONLY

Average turnaround time = 6-10 wks.

a. Study period (e.g. 1936-1955): _____

b. Specific years desired: _____

c. Photo size: 9" x 9" _____ 20" x 20" _____ Other _____

d. Number of copies: _____

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3. ANALYSIS OF CURRENT (single coverage) PHOTOGRAPHY

Average turnaround time = 8 wks.

a. Scale: _____ (e.g. 1:24,000)

b. Special conditions (e.g. do not fly if snow cover, leaves on, etc.) _____

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d. Number of copies: _____

e. Desired delivery date: _____



4. ANALYSIS OF HISTORICAL PHOTOGRAPHY (standard site analysis package - see attachment)

Average turnaround time = 12-24 wks.

a. Study period (e.g. 1936-1955): through 1987

b. Specific years of interest: _____

c. Are copies of historical photos (before analysis) needed? Y _____ N ☒

If yes, photo size: 9" x 9" ☒ 20" x 20" _____ Other _____

d. Is an interim report (unbound format, handwritten photo overlays with typed body of report) needed? Y _____ N ☒

e. Number of copies of final bound report: 6

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5. SURVEYING AND MAPPING- Complete and Attach Mapping Request Form

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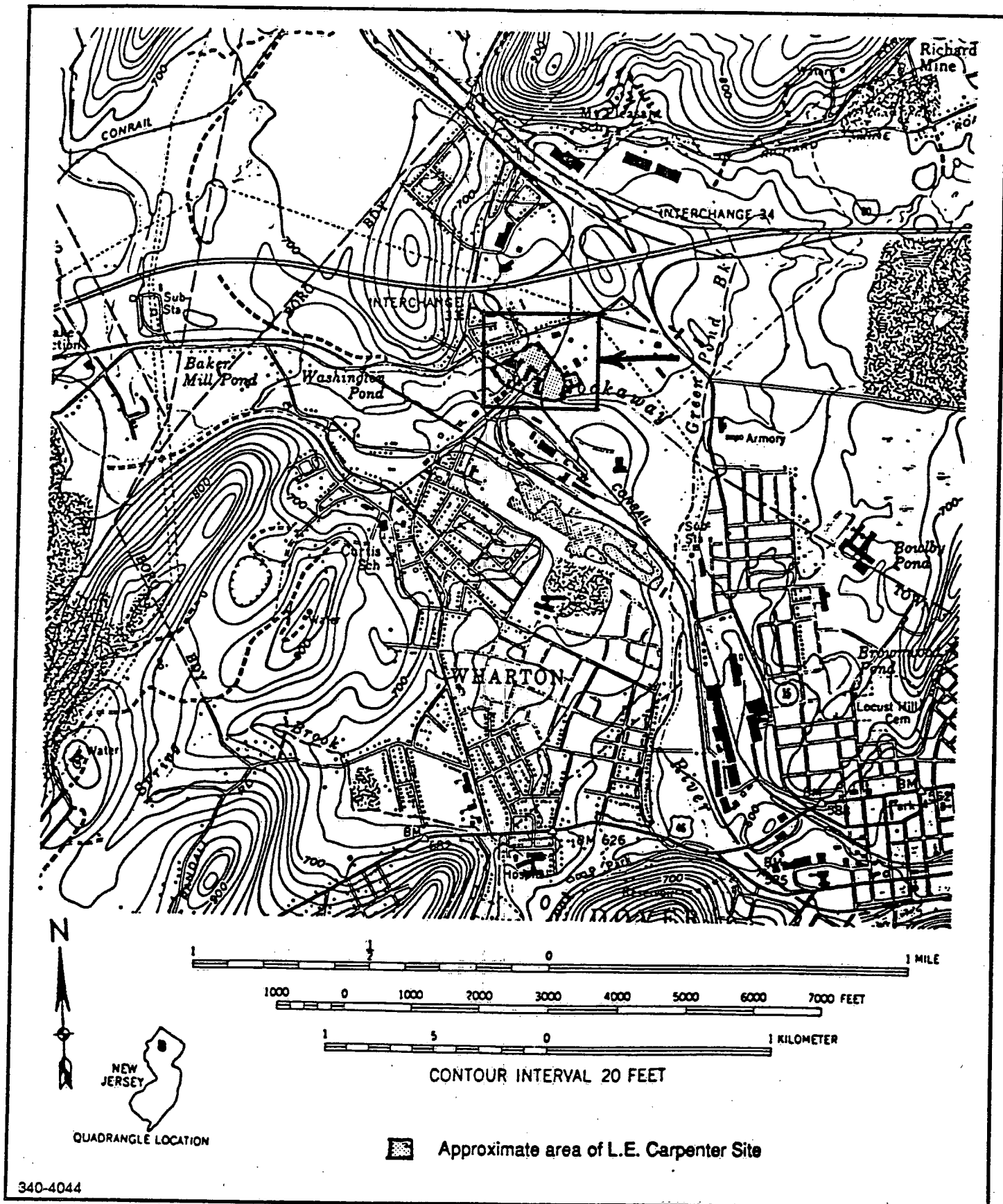


FIGURE 1-1 SITE LOCATION AND TOPOGRAPHIC MAP

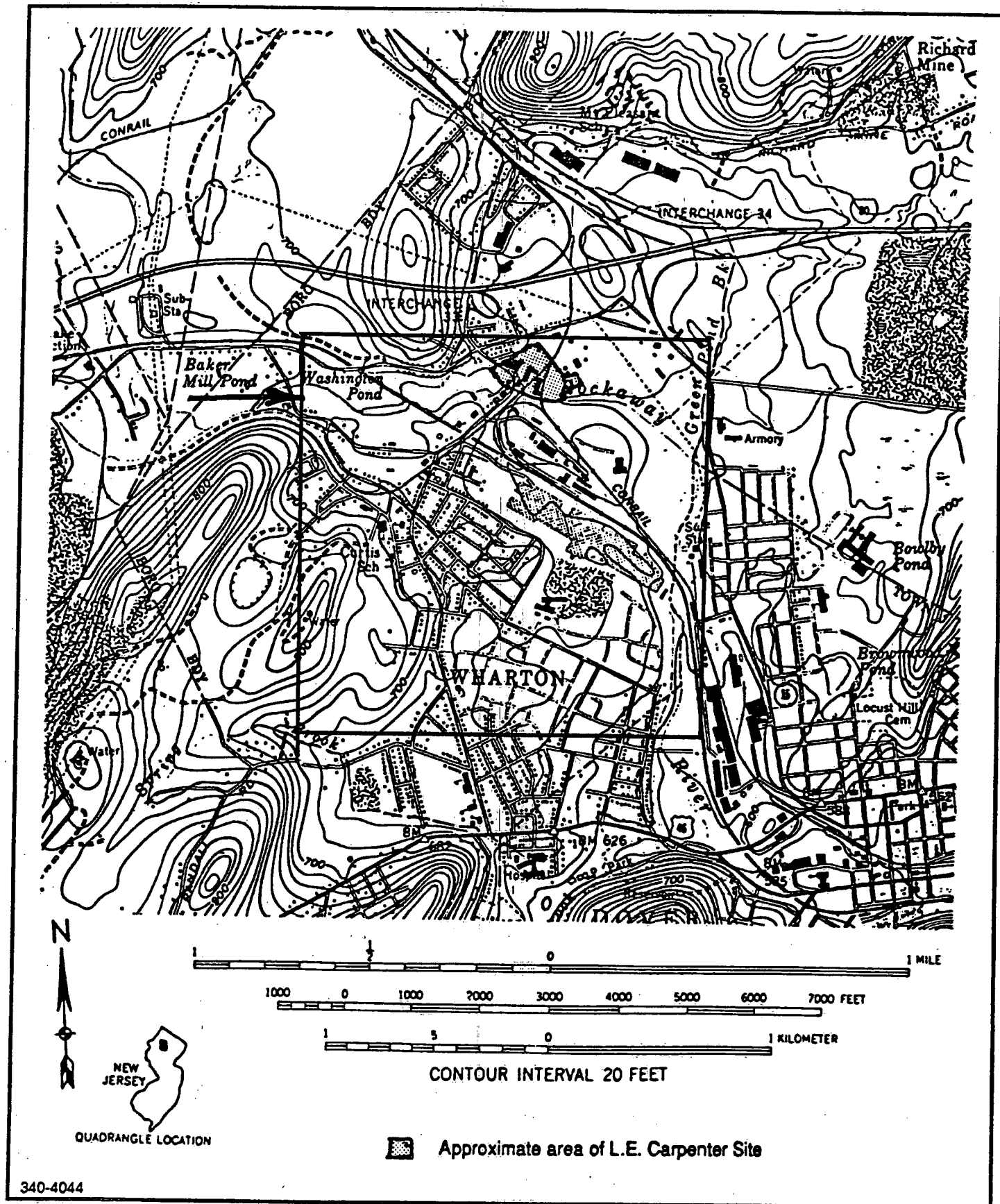


FIGURE 1-1 SITE LOCATION AND TOPOGRAPHIC MAP

FIGURE 1-2 L.E. CARPENTER AND COMPANY SITE PLAN

Attachment 3 - Site Plan